PHONEN ISSN: 0888-0018

VOLUME 12 1995

Pediatric Hematology and Oncology

JØRGEN COHN, M.D. Editor-in-Chief

Taylor & Francis
Publishers since 1798

Pediatric Hematology and Oncology

EDITOR-IN-CHIEF

Jørgen Cohn, M.D.
Professor of Paediatrics, University of Tromsø,
MH-Breivika, N-9037
Tromsø, Norway

ASSOCIATE EDITOR

Peter Johan Moe
Trondheim, Norway

EDITORIAL BOARD

S. H. Advani Bombay, India; **Y. Barak** Rehovot, Israel; **J. Blatt** Pittsburgh, Pennsylvania, USA; **J. M. Chessells** London, England; **I. J. Cohen** Tel-Aviv, Israel; **Y. L. Danon** Tel-Aviv, Israel; **H. Gadner** Vienna, Austria; **S. Garwicz** Lund, Sweden; **M. Gasparini** Milan, Italy; **L. Holmberg** Lund, Sweden; **H. Holzel** London, England; **A. Kelsey** Manchester, England; **E. Kleihauer** Ulm, Germany; **J. S. Lilleyman** London, England; **R. Mastrangelo** Rome, Italy; **A. T. Meadows** Philadelphia, Pennsylvania, USA; **W. C. Mentzer** San Francisco, California, USA; **S. B. Murphy** Chicago, Illinois, USA; **D. G. Nathan** Boston, Massachusetts, USA; **J. Ninane** Brussels, Belgium; **L. Parker** (Statistical Advisor) Newcastle upon Tyne, England; **H. A. Pearson** New Haven, Connecticut, USA; **T. Philip** Lyon, France; **C. B. Pratt** Memphis, Tennessee, USA; **T. Sawada** Kyoto, Japan; **G. Schaison** Paris, France; **D. Schuler** Budapest, Hungary; **J. Vossen** Leiden, The Netherlands; **R. S. Weening** Amsterdam, The Netherlands; **M. L. N. Willoughby** Perth, Western Australia; **R. Zaizov** Tel-Aviv, Israel; **A. Zipursky** Toronto, Ontario, Canada

AIMS AND SCOPE

This international bimonthly journal publishes original articles, short communications, reviews, letters, technical notes, book reviews, announcements, and editorials/annotations on all aspects of pediatric hematology and oncology. The journal deals with immunology, pathology, and pharmacology in relation to blood diseases and cancer in children and shows how basic experimental research can contribute to the understanding of clinical problems. Articles from all over the world are considered for publication in the journal. Papers on related ethical, legal, psychological, social, cultural, or historical aspects of these fields are also appreciated. The journal is not dependent on or connected with any organization or society.

Abstracted and/or Indexed in: Current Contents/Clinical Practice, Current Awareness in Biological Sciences, BIOSIS, Excerpta Medica, MEDLARS, Oncology Information Service, and Cambridge Scientific Abstracts.

Editorial Office: Jørgen Cohn, M.D., University of Tromsø, MH-Breivika, N-9037 Tromsø, Norway. Telephone 47-776-45708, Telefax 47-776-45740. E mail: cohn@fagmed.uit.no

Publishing, Advertising, and Production Offices: Taylor & Francis, 1101 Vermont Ave., Suite 200, Washington, DC 20005, phone (202)289-2174, fax (202)289-3665, Joyce A. Evans, Production Editor; or Taylor & Francis Ltd., Rankine Rd., Basingstoke, Hampshire RG24 8PR, UK. **Subscriptions Office:** 1900 Frost Rd., Suite 101, Bristol, PA 19007, phone (215)785-5800, fax (215)785-5515; or Taylor & Francis Ltd., Rankine Rd., Basingstoke, Hampshire RG24 8PR, UK, phone +44-256-840366, fax +44-256-479438.

Pediatric Hematology and Oncology (ISSN 0888-0018) is published bimonthly by Taylor & Francis Ltd., 4 John Street, London WC1N 2ET, UK. Annual 1995 institutional subscription UK £175, US $289. Personal subscription rate UK £84, US $139; available to home address only and must be paid for by personal check or credit card.

Second-class postage is paid at Jamaica, NY 11431. **U.S. Postmaster:** Send address changes to Pediatric Hematology and Oncology, Publications Expediting Inc., 200 Meacham Avenue, Elmont, NY 11003.

Dollar rates apply to subscribers in all countries except the UK and the Republic of Ireland, where the sterling price applies. All subscriptions are payable in advance and all rates include postage. Subscriptions are entered on an annual basis, i.e., January to December. Payment may be made by sterling check, dollar check, international money order, National Giro, or credit card (AMEX, VISA, Mastercard/Access).

Orders originating in the following territories should be sent directly to: **India**—Universal Subscription Agency Pvt. Ltd., 101-102 Community Centre, Malviya Nagar Extn., Post Bag No. 8, Saket, New Delhi. **Japan**—Kinokuniya Company, Ltd., Journal Department, P.O. Box 55, Chitose, Tokyo 156. **USA, Canada, and Mexico**— Taylor & Francis, 1900 Frost Road, Suite 101, Bristol, PA 19007, USA. **UK and all other territories**—Taylor & Francis Ltd., Rankine Road, Basingstoke, Hampshire RG24 8PR, England.

Copyright © 1995 Taylor & Francis. All rights reserved. Authors are responsible for obtaining permission to reproduce copyrighted material from other sources and are required to sign an agreement for the transfer of copyright to the publisher. Printed in the United States of America. Authorization to photocopy items for internal or personal use, or the internal or personal use of specific clients, is granted by Taylor & Francis for libraries and other users registered with the Copyright Clearance Center (CCC) Transactional Reporting Service, provided that the base fee of $10.00 per copy, plus .00 per page is paid directly to CCC, 27 Congress St., Salem, MA 01970, USA.

The publisher assumes no responsibility for any statements of fact or opinion expressed in the published papers. The appearance of advertising in this journal does not constitute an endorsement or approval by the publisher, the editor, or the editorial board of the quality or value of the product advertised or of the claims made for it by its manufacturer. **Pediatric Hematology and Oncology** is owned by Taylor & Francis.

⊖ Printed on acid-free paper, effective with Volume 9, Number 1, 1992.

Pediatric Hematology and Oncology

CONTENTS **Volume 12, Number 1** **1995**

Articles

THE EFFECTS OF ANTIFUNGAL CHEMOPROPHYLAXIS AND EMPIRIC THERAPY ON INVASIVE FUNGAL INFECTION IN NEUTROPENIC CHILDREN WITH MALIGNANT NEOPLASMS □ Yoko Kato, Yasutaka Hoshi, Jun'ichi Akatsuka, and Masa-aki Suzuki **1**

FAMILIAL SELECTIVE VITAMIN B_{12} MALABSORPTION (IMERSLUND-GRÄSBECK SYNDROME) IN A POOL OF TURKISH PATIENTS □ Çiğdem Altay, Mualla Çetin, Fatma Gümrük, Gülersu Irken, Sevgi Yetgin, and Yahya Laleli **19**

QUALITY OF LIFE IN SURVIVORS OF CHILDHOOD CANCER AFTER MEGATHERAPY WITH AUTOLOGOUS BONE MARROW RESCUE □ D. J. Kanabar, S. Attard-Montalto, V. Saha, J. E. Kingston, J. E. Malpas, and O. B. Eden **29**

MOLECULAR CHARACTERIZATION OF HOMOZYGOUS (HIGH HbA_2) β-THALASSEMIA INTERMEDIA IN GREECE □ Emmanuel Kanavakis, Joanne Traeger-Synodinos, Maria Tzetis, Anna Metaxotou-Mavromati, Vasilis Ladis, and Christos Kattamis **37**

Short Communications

ADOPTIVE IMMUNOTRANSFER WITH VIABLE DONOR MONONUCLEAR CELLS FOR RECURRENT CHRONIC MYELOGENOUS LEUKEMIA AFTER ALLOGENEIC BONE MARROW TRANSPLANTATION IN TWO CHILDREN □ W. Schwinger, C. Urban, C. J. Mache, B. Resch, H. Lackner, G. Höfler, C. Beham-Schmid, R. Gilli, K. Wagner, O. A. Haas, and T. Lion **47**

ALLOGENEIC BONE MARROW TRANSPLANTATION IN CHÉDIAK-HIGASHI SYNDROME □ Merja Möttönen, Marjatta Lanning, and Ulla M. Saarinen **55**

PILOT STUDY OF CARDIAC FUNCTION AFTER TREATMENT OF CHILDHOOD WILMS' TUMOR WITH DOXORUBICIN □ Julie Blatt, Cynthia DeLaat, F. Jay Fricker, and Janine E. Janosky **61**

ORAL ONDANSETRON: An Effective Ambulatory Complement to Intravenous Ondansetron in the Control of Chemotherapy-Induced Nausea and Vomiting in Children □ Ian J. Cohen, Nurit Zehavi, Ilana Buchwald, Yitzchak Yaniv, Yakov Goshen, Chaim Kaplinsky, and Rina Zaizov **67**

PREVENTION OF GRAM-POSITIVE INFECTIONS IN PATIENTS TREATED WITH HIGH-DOSE CHEMOTHERAPY AND BONE MARROW TRANSPLANTATION: A Randomized Controlled Trial of Vancomycin □ C. Teinturier, O. Hartmann, J. Lemerle, E. Benhamou, and D. Maraninchi **73**

TRANSPLANTATION OF UMBILICAL CORD BLOOD IN A REFRACTORY LYMPHOMA □ Bénédicte Brichard, Christiane Vermylen, Jacques Ninane, Guy Cornu, Véronique Deneys, and Marc De Bruyere **79**

Letters to the Editor

ANEMIA ASSOCIATED WITH DIABETES MELLITUS □ Aytemiz Gürgey, Nihat Bilginturan, Nursen Yordam, Sadi Vidinlisan, Çiğdem Altay, and S. S. K. Dişkapi **83**

INTERFERON TREATMENT OF HEPATITIS B AND C IN β-THALASSEMIA □ Z. Uysal, S. Cin, A. Arcasoy, N. Akar **87**

NEONATAL SACROCOCCYGEAL TERATOMA: PROLONGED SURVIVAL AFTER MALIGNANT RELAPSE □ Juan R. Albert, Juan A. López-Andreu, Josep Ferrís, María C. Muñoz, and Victoria Castel **91**

TRANSIENT MYELOPROLIFERATIVE DISORDER ASSOCIATED WITH DOWN SYNDROME AND HYPOTHYROIDISM □ Mehmet Satar, Atila Tanyeli, Aytuğ Atıcı, Bülent Antmen, and Gülbin Bingöl **95**

ABOUT IDIOPATHIC THROMBOCYTOPENIC PURPURA □ Şinasi Özsoylu **97**

Reply

ABOUT IDIOPATHIC THROMBOCYTOPENIC PURPURA □ Ammar Hayani **99**

Letters to the Editor

CHRONIC RELAPSING THROMBOTIC THROMOCYTOPENIC PURPURA □ Şinasi Özsoylu **101**

ROTHMUND-THOMSON SYNDROME AND MALIGNANT FIBROUS HISTIOCYTOMA: A CASE REPORT □ İnci İlhan, Ünser Arikan, and Münevver Büyükpamukçu **103**

OVERFLOW PROTEINURIA IN HEMOPHILIC PATIENTS □ Aytemiz Gürgey, Seza Ozen, Mualla Cetin, Aysin Bakkaloglu, and Cumhur Ozkuyumcu **107**

Pediatric Hematology and Oncology

CONTENTS **Volume 12, Number 2** **1995**

Editorial

SECOND MALIGNANCIES ASSOCIATED WITH DOXORUBICIN □ Julie Blatt **111**

Annotation

HEPATITIS B VACCINE: Still Has Its Problems □ Peter Morgan-Capner **115**

Articles

IMPACT OF CHILDHOOD LEUKEMIA ON FAMILY PLANNING □ J. E. W. M. Van Dongen-Melman, A. De Groot, K. Hählen, and F. C. Verhulst **117**

CLINICAL VERSUS LABORATORY TUMOR LYSIS SYNDROME IN CHILDREN WITH ACUTE LEUKEMIA □ Amos Kedar, William Grow, and Richard E. Neiberger **129**

Short Communications

SIMULTANEOUS OCCURRENCE OF VIRAL-ASSOCIATED HEMOPHAGOCYTIC SYNDROME AND LANGERHANS CELL HISTIOCYTOSIS: A Case Report □ P. B. Hesseling, G. Wessels, R. M. Egeler, and D. J. Rossouw **135**

PARTIAL NEPHRECTOMY IN WELL-RESPONDING STAGE I WILMS' TUMORS: Report of Three Cases □ C. E. Urban, H. Lackner, W. Schwinger, I. Klos, M. Höllwarth, H. Sauer, E. Ring, H. Gadner, and A. Zoubek **143**

CONGENITAL HYPOPLASTIC ANEMIA IN SIX PATIENTS: Unusual Association of Short Proximal Phalanges with Mild Anemia □ Mualla Çetin, Abdurahman Kara, Aytemiz Gürgey, Fatma Gümrük, Gülersu Irken, Sevgi Yetgin, and Çigdem Altay **153**

FATAL FAT EMBOLISM IN A PATIENT WITH SICKLE-β^+ THALASSEMIA □ Bonnie C. Desselle, Tom O'Brien, Mark Bugnitz, Orren Beaty, Judith Wilimas, and Keith Helton **159**

ATAXIA TELANGIECTASIA AND LYMPHOMA: An Indication for Individualized Chemotherapy Dosing—Report of Treatment in a Highly Inbred Arab Family □ M. Weyl Ben Arush, J. Rosenthal, J. Dale, Y. Horovitch, G. Herzl, J. Ben Arie, Y. Ziv, and Y. Shiloh **163**

Brief Reports

HEPATITIS B VACCINATION IN CHILDREN WITH CANCER □ Semha Berberoğlu, Münevver Büyükpamukcu, Faik Sarıalioğlu, Canan Akyüz, and İnci İlhan **171**

EPIDURAL SPINAL CORD COMPRESSION AS AN INITIAL SYMPTOM IN CHILDHOOD ACUTE LYMPHOBLASTIC LEUKEMIA: Rapid Decompression by Local Irradiation and Systemic Chemotherapy □ Akihiro Kataoka, Ken Shimizu, Takako Matsumoto, Noriaki Shintaku, Takehiko Okuno, Yasuo Takahashi, and Kyoji Akaishi **179**

ACUTE LYMPHOBLASTIC LEUKEMIA IN A GIRL TREATED FOR OSTEOSARCOMA □ R. Miniero, E. Barisone, C. Vivenza, A. Brach del Prever, L. Besenzon, L. Cordero di Montezemolo, and E. Madon **185**

INTERFERON ALFA THERAPY IN AN INFANT WITH JUVENILE CHRONIC MYELOGENOUS LEUKEMIA □ Roberto Toraldo, Francesco Vetrano, Vito Pistoia, Carlo Tolone, Gianfranco Canino, Michele D'Avanzo, and Ferdinando Iafusco **189**

COMPLICATED PULMONARY ASPERGILLOSIS WITH PNEUMOTHORAX AND PNEUMOPERICARDIUM IN A CHILD WITH ACUTE LYMPHOBLASTIC LEUKEMIA □ J. M. Merino, M. A. Díaz, M. Ramírez, D. Ruano, and L. Madero **195**

Letters to the Editor

HEMATOLOGIC RECOVERY AFTER MARROW-ABLATIVE CHEMOTHERAPY AND PERIPHERAL BLOOD STEM CELL TRANSPLANTATION IN CHILDREN □ Akinobu Matsuzaki, Takeshi Kai, Shouichi Ohga, Akihiko Nomura, Shoichi Inaba, Mine Harada, Eiichi Ishii, and Kôhji Ueda **201**

PYRIDOXINE-RESPONSIVE SIDEROBLASTIC ANEMIA IN FOUR CHILDREN □ Çigdem Altay and Fatma Gümrük **205**

EFFICACY OF PROLONGED LOW-DOSE STEROID TREATMENT IN A CHILD WITH IDIOPATHIC HYPEREOSINOPHILIC SYNDROME: A Case Report □ Carmelo Rizzari, Valentino Conter, Paolo D'Angelo, Angelo Cantù-Rajnoldi, and Giuseppe Masera **209**

ANAPHYLACTIC REACTION TO HIGH-DOSE METHOTREXATE □ C. Lobelle, M. López Rivas, J. Barreiro, M. Rodicio, and J. M. Couselo **213**

MEGADOSE METHYLPREDNISOLONE FOR CHEMOTHERAPY-INDUCED NEUTROPENIA IN CHILDREN WITH MALIGNANCY □ Şinasi Özsoylu **215**

Reply

MEGADOSE METHYLPREDNISOLONE FOR CHEMOTHERAPY-INDUCED NEUTROPENIA IN CHILDREN WITH CANCER □ Maria Kalmanti **217**

Announcement **219**

Pediatric Hematology and Oncology

CONTENTS **Volume 12, Number 3** **1995**

Editorial

RESEARCH IN FOCUS □ Louise Parker **iii**

Articles

ELEVATED TUMOR NECROSIS FACTOR-α IN ASSOCIATION WITH SEVERE ANEMIA IN HUMAN IMMUNODEFICIENCY VIRUS INFECTION AND MYCOBACTERIUM AVIUM INTRACELLULARE INFECTION □ Maadhava Ellaurie and Arye Rubinstein **221**

TESTICULAR FUNCTION IN ADULT MALES SURVIVING CHILDHOOD MALIGNANCY □ Martti A. Siimes, Jukka Rautonen, Anne Mäkipernaa, and Ilkka Sipilä **231**

CENTRAL VENOUS CATHETER CLOTS: Incidence, Clinical Significance and Catheter Care in Patients with Hematologic Malignancies □ Anna Barzaghi, Mariagrazia Dell'Orto, Attilio Rovelli, Carmelo Rizzari, Antonella Colombini, and Cornelio Uderzo **243**

AN EFFECTIVE SALVAGE REGIMEN WITH ACLARUBICIN FOR DAUNORUBICIN-RESISTANT ACUTE NON-LYMPHOCYTIC LEUKEMIA IN CHILDREN □ Keiko Nibu, Fumio Yanai, Jun Okamura, Yoshiko Ikuno, Hideko Tasaka, Akinobu Matsuzaki, Hiroko Inada, Haruhiko Eguchi, Ryo Sakai, Hiroyuki Koga, Sumio Miyazaki, Hideki Nakayama and Hiromichi Take **251**

A PC DATABASE TO FACILITATE TREATMENT OF PEDIATRIC HEMATOLOGY/ONCOLOGY PATIENTS □ Philip G. Scimeca and Mark E. Weinblatt **259**

ADVANCED NASOPHARYNGEAL CARCINOMA IN THE YOUNG: The Northern Israel Oncology Center Experience, 1973–1991 □ M. Weyl-Ben Arush, M. E. Stein, E. Rosenblatt, R. Lavie, and A. Kuten **271**

BURKITT'S LYMPHOMA: A Case File Study of 160 Patients Treated in Queen Elizabeth Central Hospital from 1988 to 1992 □ E. J. van Hasselt and R. Broadhead **277**

Brief Reports

SEVERE LACTIC ACIDOSIS AND RENAL INVOLVEMENT IN A PATIENT WITH RELAPSED BURKITT'S LYMPHOMA □ T. Révész, K. Obeid, and C. Mpofu **283**

PROLONGED REMISSION INDUCED BY CYCLOSPORINE IN A PATIENT WITH FAMILIAL THROMBOCYTOPENIA AND ENTEROPATHY □ M. Nenadov Beck, H. Kuchler, M. Roulet, and D. Beck **289**

LISTERIA SEPTICEMIA COMPLICATING BONE MARROW TRANSPLANTATION FOR DIAMOND-BLACKFAN SYNDROME □ Anselm C. W. Lee, S. Y. Ha, K. Y. Yuen, and Y. L. Lau **295**

CHILDHOOD LEUKEMIA IS STILL A DEADLY DISEASE IN YAOUNDE, CAMEROON: A Report of 14 Cases □ Marie-Thérèse Abena Obama, Léopold Zekeng, Pierre Kleber Ketchiozo, Mathilde Beyeme Owono, Berthe Toukam Kouam, and Joseph Mbede **301**

DYSGERMINOMA IN MOTHER AND DAUGHTER: Use of Lactate Dehydrogenase as a Tumor Marker in the Child □ J. C. Chisholm, J. M. Darmady, and J. A. Kohler **305**

PRIMARY PELVIC NEUROBLASTOMA WITH CENTRAL NERVOUS SYSTEM METASTASES □ Sanjay Banerjee, R. K. Marwaha, and R. P. S. Bajwa **309**

Letter

RENAL CELL CARCINOMA IN CHILDHOOD: A Case Report □ Rejin Kebudi, Inci Ayan, Mustafa Candan, Veli Uysal, and Emin Darendeliler **313**

Book Review **317**

Pediatric Hematology and Oncology

CONTENTS Volume 12, Number 4 1995

Editorials

COMPUTERS IN MEDICINE □ Louise Parker iii

TUMOR NECROSIS FACTOR-α IN CHILDREN WITH HUMAN IMMUNODEFICIENCY VIRUS INFECTION □ Yael Levy and Yehuda L. Danon v

Annotation

FAMILY-BASED ONCOLOGY CARE: A Necessary Clinical and Research Partnership □ Steven Simms 319

Review Articles

PEDIATRIC ONCOHEMATOLOGY IN BULGARIA □ S. Kertikova-Marincheva 321

HISTORY AND PRESENT ORGANIZATION OF PEDIATRIC ONCOLOGY IN GERMANY □ Michael Hertl 325

Articles

HYBRID (COPP/ABV) THERAPY IN CHILDHOOD HODGKIN'S DISEASE: A Study of 53 Cases During 1989–1993 at the Cancer Institute, Madras □ Prasad V. S. S. Sripada, Sagar G. Tenali, Maitreyan Vasudevan, Shanta Viswanadhan, Devarajan Sriraman, and Ravichandran Kandasamy 333

INFLUENCE OF TREATMENT MODALITIES ON PREPUBERTAL GROWTH IN CHILDREN WITH ACUTE LYMPHOBLASTIC LEUKEMIA □ J. J. Groot-Loonen, B. J. Otten, M. A. van't Hof, R. J. J. Lippens, and G. B. A. Stoelinga 343

Short Communications

ABDOMINAL SONOGRAPHIC FINDINGS AT PRIMARY DIAGNOSIS OF ACUTE LYMPHOBLASTIC LEUKEMIA IN CHILDREN: A Comparison with Different Clinical Risk Factors □ Airi E. Ojala, F. Peter Lanning, and B. Marjatta Lanning 355

SYNDROME OF INAPPROPRIATE ANTIDIURETIC HORMONE SECRETION (SIADH) IN CHILDREN UNDERGOING HIGH-DOSE CHEMOTHERAPY AND AUTOLOGOUS PERIPHERAL BLOOD STEM CELL TRANSPLANTATION □ Takanori Abe, Yoichi Takaue, Yasuhiro Okamoto, Takashi Yamaue, Ruyji Nakagawa, Atsushi Makimoto, Junko Sato, Yoshifumi Kawano, and Yasuhiro Kuroda **363**

SOCIAL ACTIVITIES IN THE FAMILIES OF CHILDREN WITH ACUTE LYMPHOBLASTIC LEUKEMIA □ M. Möttönen and M. Uhari **371**

Brief Reports

INTRATHECAL CHEMOTHERAPY-RELATED MYELOENCEPHALOPATHY IN A YOUNG CHILD WITH ACUTE LYMPHOBLASTIC LEUKEMIA □ Jesús García-Tena, Juan A. López-Andreu, Josep Ferrís, Francisco Menor, Fernando Mulas, Elvira Millet, and Amparo Verdeguer **377**

HIGH-DOSE CYTOSINE ARABINOSIDE AND VIRIDANS STREPTOCOCCUS SEPSIS IN CHILDREN WITH LEUKEMIA □ Flavio Rossetti, Simone Cesaro, Maria Caterina Putti, and Luigi Zanesco **387**

COMPARATIVE EFFECT OF 100 VERSUS 250 μg/m²/day OF G-CSF IN PEDIATRIC PATIENTS WITH NEUTROPENIA INDUCED BY CHEMOTHERAPY □ Masaru Kubota, Yuichi Akiyama, Haruki Mikawa, and Tsutomu Tsutsui **393**

Letters to the Editor

NATURAL KILLER CELL ACTIVITY IN A PATIENT WITH CHÉDIAK-HIGASHI SYNDROME SUBMITTED TO BONE MARROW TRANSPLANTATION □ Hilda R. Diamond, Maria Helena F. O. Souza, Maria Luiza M. Silva, Daniel G. Tabak, Sima Ferman, Vera Maria M-Silva, Lucia de La Rocque, and Vivian M. Rumjanek **399**

A CASE OF MUCOEPIDERMOID CARCINOMA OF THE PAROTID GLAND DEVELOPING IN A CHILD AFTER THE TREATMENT OF ACUTE LYMPHOBLASTIC LEUKEMIA □ İ. Lale Atahan, Ayşe Ayhan, Enis Özyar, Dilek Ertoy, and Murat Gürkaynak **403**

TREATMENT OF CHRONIC ITP □ Şinasi Özsoylu **407**

Reply

TREATMENT OF CHRONIC IDIOPATHIC THROMBOCYTOPENIC PURPURA □ Sophie Aronis, Helen Platokouki, Angelika Mitsika, Stavros Haidas, and Andreas Constantopoulos **409**

Papers to Appear in Future Issues **411**

Pediatric Hematology and Oncology

CONTENTS Volume 12, Number 5 1995

Editorials

CHILDHOOD ACUTE MYELOID LEUKEMIAS EXPRESSING LYMPHOID-ASSOCIATED ANTIGENS □ Gérard S. Schaison 413

PAROTID CARCINOMAS FOLLOWING THE TREATMENT OF CHILDHOOD ACUTE LYMPHOBLASTIC LEUKEMIA □ Charles B. Pratt 417

PROGNOSTIC FACTORS IN CHILDHOOD ACUTE LYMPHOBLASTIC LEUKEMIA □ Renato Mastrangelo 421

INFLUENCE OF TREATMENT MODALITIES ON PREPUBERTAL GROWTH IN CHILDREN WITH ACUTE LYMPHOBLASTIC LEUKEMIA □ Christian Moëll and Stanislaw Garwicz 425

Review Articles

DEVELOPMENT OF PEDIATRIC HEMATO-ONCOLOGY IN ROMANIA □ Ioan I. Tansanu and I. Miron 429

PEDIATRIC HEMATOLOGY AND ONCOLOGY IN ITALY: Half a Century of Progress, An Ongoing Search for Improvement □ L. M. E. Massimo 431

Articles

EFFECT OF DIFFERENT EXPOSURES TO DESFERRIOXAMINE ON NEUROBLASTOMA CELL LINES □ Paola Valle, Fabio Timeus, Matilde Piglione, Paolo Rosso, Luca Cordero di Montezemolo, Nicoletta Crescenzio, Diega Marranca, Ugo Ramenghi, and Leonello Leone 439

INCIDENCE OF CHILDHOOD LYMPHOMA IN NORTHERN ISRAEL, 1973–1990 □ Ariel Roguin, Myriam Weyl Ben-Arush, and Janet Dale 447

USEFULNESS OF RED CELL ZINC PROTOPORPHYRIN CONCENTRATION IN THE INVESTIGATION OF MICROCYTOSIS IN CHILDREN □ R. F. Hinchliffe, J. S. Lilleyman, G. J. Steel, and G. J. Bellamy 455

Short Communications

CLINICAL SIGNIFICANCE OF CHILDHOOD ACUTE MYELOID LEUKEMIAS EXPRESSING LYMPHOID-ASSOCIATED ANTIGENS
□ Susumu Kawai, Zhimin Zha, Yoshifumi Yamamoto, Hiroyuki Shimizu, and Takeo Fujimoto **463**

SUCCESSFUL CARBOXYPEPTIDASE G_2 RESCUE IN DELAYED METHOTREXATE ELIMINATION DUE TO RENAL FAILURE
□ Andreas Zoubek, Harald A. Zaunschirm, Thomas Lion, Gustav Fischmeister, Georg Vollnhofer, Helmut Gadner, Konrad Pillwein, Andreas Schalhorn, and Udo Bode **471**

Brief Reports

PREVENTION OF EMESIS BY TROPISETRON IN CHILDREN RECEIVING COMBINED CHEMOTHERAPY WITH CISPLATIN
□ Semha Berberoğlu **479**

INTRA-ABDOMINAL BLEEDING IN A 14-YEAR-OLD GIRL WITH ACUTE IMMUNE THROMBOCYTOPENIC PURPURA
□ Anne Mäkipernaa and Ralf Nyman **485**

EFFECT OF INTERFERON-α THERAPY IN A PATIENT WITH COMMON VARIABLE IMMUNODEFICIENCY AND CHRONIC EPSTEIN-BARR VIRUS INFECTION □ Roberto Toraldo, Michele D'Avanzo, Carlo Tolone, Gianfranco Canino, Ferdinando Iafusco, Luigi Daniele Notarangelo, Alberto Ugazio and Carmela Cirillo **489**

AIDS-RESEMBLING DISEASE IN A NON–HIV-INFECTED AFRICAN BORN TO AN HIV-POSITIVE MOTHER □ T. Irova and J. Ninane **495**

p53 CODON 213 (A-G) POLYMORPHISM IN A TURKISH POPULATION □ İnci İlhan, Selim Erekul, Sabri Ateşalp, Osman İlhan, and Nejat Akar **499**

Letters to the Editor

POSTVACCINAL THROMBOCYTOPENIA: Fact or Myth?
□ Siegfried Wiersbitzky, Roswitha Bruns, Cornelia Müller, Helga Wiersbitzky, Renate Mentel, and Werner Seidel **503**

INCIDENCE OF PARVOVIRUS B19 INFECTION AMONG THALASSEMIA MAJOR PATIENTS FROM ANKARA, TURKEY
□ Nejat Akar, Tansu Sipahi, Yonca Eğin, Şükrü Cin, and Ayten Arcasoy **507**

Meeting Report

BIOLOGY AND PHARMACOLOGY OF THIOPURINES
□ Jarle Aarbakke **511**

Pediatric Hematology and Oncology

CONTENTS Volume 12, Number 6 1995

NOTE FROM THE EDITOR □ Jørgen Cohn iii

Editorials

PEDIATRIC HEMATOLOGY AND ONCOLOGY IN FRANCE □ Gerard S. Schaison and Daniele Sommelet v

INFORMED CONSENT: How Informed and Consent to What? □ J. S. Lilleyman xiii

Annotations

SUCCESSFUL CARBOXYPEPTIDASE G_2 RESCUE IN DELAYED MTX-ELIMINATION DUE TO RENAL FAILURE □ Martina Hum and Barton A. Kamen 521

CENTRAL NERVOUS SYSTEM–DIRECTED THERAPY IN ACUTE LYMPHOBLASTIC LEUKEMIA □ O. B. Eden 525

Articles

QUALITATIVELY DIFFERENT MECHANISMS OF RESISTANCE TO DOXORUBICIN, BOTH INVOLVING ALTERED GLUTATHIONE POOLS, IN TWO MYELOID CELL LINES IN VITRO □ Laila K. Dajani, David J. Warren, Anders Andersen, Astrid Strømhaug, and Lars Slørdal 531

IMMUNOGLOBULIN CONCENTRATIONS IN UNTREATED LYMPHOBLASTIC LEUKEMIA □ J. C. Welch and J. S. Lilleyman 545

EFFICACY OF RECOMBINANT HUMAN GRANULOCYTE COLONY-STIMULATING FACTOR AND RECOMBINANT HUMAN GRANULOCYTE-MACROPHAGE COLONY-STIMULATING FACTOR IN NEUTROPENIC CHILDREN WITH MALIGNANCIES □ E. Lydaki, E. Bolonaki, E. Stiakaki, H. Dimitriou, Th. Kalmantis, and M. Kalmanti 551

TREATMENT RESULTS OF HODGKIN'S DISEASE IN INDIAN CHILDREN □ Gauri Kapoor, Suresh H. Advani, K. A. Dinshaw, M. A. Muckaden, C. S. Soman, Tapan K. Saikia, R. Gopal, C. N. Nair, P. A. Kurkure, Suresh K. Pai, S. K. Shrivastava, V. Sharma, V. R. Pai, and P. M. Parikh 559

Short Communications

NOONAN'S SYNDROME IN ASSOCIATION WITH ACUTE LEUKEMIA □ J. M. Johannes, E. R. Garcia, G. A. M. De Vaan, and R. S. Weening 571

TREATMENT OF INVASIVE PULMONARY ASPERGILLOSIS IN SEVERELY NEUTROPENIC CHILDREN WITH MALIGNANT DISORDERS USING LIPOSOMAL AMPHOTERICIN B (AmBisome), GRANULOCYTE COLONY-STIMULATING FACTOR, AND SURGERY: Report of Five Cases □ Hans J. Dornbusch, Christian E. Urban, Hans Pinter, Gabriele Ginter, Richard Fotter, Hans Becker, Tillo Miorini, and Christian Berghold 577

Following Page 586:

Title Page to Volume 12
Contents to Volume 12
Author Index to Volume 12